Avenview

USER GUIDE

CVSB/ S-video/ HDMI to HDMI Scaler with 720p and 1080p Switching.

Model #: C-USB-HDM

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Section 1: Getting Started

1.1 Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
- Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
- Repair or attempted repair by anyone not authorized by us.
- Any damage of the product due to shipment.
- Removal or installation of the product.
- Causes external to the product, such as electric power fluctuation or failure.
- Use of supplies or parts not meeting our specifications.
- Normal wear and tear.
- Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

1.2 Safety Instructions

The C-CVID-HDM converter has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the C-CVID-HDM should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not dismantle the housing or modify the module.
- Dismantling the housing or modifying the module may result in electrical shock or burn.
- Refer all servicing to qualified service personnel.
- Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Have the module checked by a qualified service engineer before using it again.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

1.3 Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

1.4 Introduction

Avenview C-CVID-HDM Converter Scaler enhances the quality of your Standard Definition (Analog signal) either CVBS (Composite) or S-Video input signal to any HDMI Display to a crisp Digital 1080p output signal supporting audio on the HDMI output. With this device analog devices can be added to any HD home theater design with confidence and now that "older analog device" doesn't have to sit in the garage or upgrade them to new devices.

- Up-scales Composite Video or S-Video up to full HD 1080p;
- Composite Video , S-video and HDMI can connect simultaneously;
- Switch selector to switch between Digital or Analog signals;
- LED Indicators –**RED** HDMI output is optional at 720P 50Hz/60Hz;
- LED Indicators –**Green** 1080P 50Hz/60Hz;
- Composite Vide and S-Video Share the same audio input
- Supports OSD (One Screen Display)
- Automatic NTSC/PAL video format detection
- Auto Save Settings-Last input signal and output resolution when Device is Powered off

1.5 Package Contents

Before you start the installation of the converter, please check the package contents.

- C-VID-HDM x 1
- Wall Adapter DC 5V/2A x1
- User's Manual x1

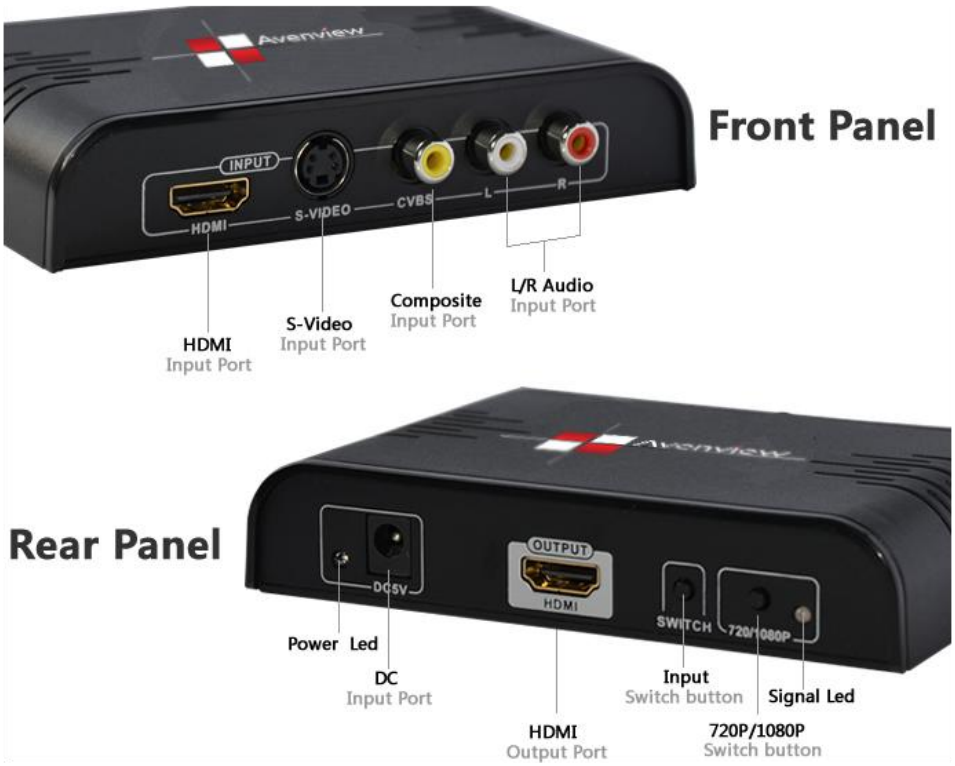
1.6 Before Installation

- Put the product in an even and stable location. If the product falls down or drops, it may cause an injury or malfunction.
- Don't place the product in too high temperature (over 50°C), too low temperature (under 0°C) or high humidity.
- Use the DC power adapter with correct specifications. If inappropriate power supply is used then it may cause a fire.
- Do not twist or pull by force ends of the Composite, S-Video and HDMI. It can cause malfunction.

1.7 Parts Required

1	**C-CVID-HDM**	
1	**HDMI CABLE OUTPUT**	
1	**CVSB OR S-VIDEO CABLE INPUT**	
1	**Composite/S-Video Source**	
1	**HDMI MONITOR**	LCD OR HD MONITOR

1.8 Panel Description



1. HDMI Input
Connect the HDMI Type A (19 PIN Connector). Support Audio and Video.
2. Stereo Analog Audio Input
Red/White RCA stereo analog audio inputs.
3. Composite Analog Video Input
CVBS (Composite video input).
4. S-Video Analog Video Input
S-Video video input.
4. 5V DC Power Supply Input
Connection for the 5V DC power supply included.
5. Power LED
This LED will become active once the included power supply is properly connected.
6. HDMI output
Connect the HDMI display to this output connector with M-M HDMI cable. Support Audio and Video.
7. Switch Selector
S-Video/CVBS/HDMI input Switch
8.720P/1080P Button
Output resolution switch
9. Resolution LED
720P/60Hz: Led light RED
1080P/60Hz: Led light GREEN

1.9 Installation Hardware

1. Power On source such as DVD, Camera or Gaming System
2. Connect your C-CVID-HDM to source device with composite or S-video
3. Connect Male to Male HDMI to HDMI Output of C-VID-HDM
4. Connect other end of HDMI cable to TV or projector with HDMI input

1.10 General Troubleshooting

Problem	Possible Solution
No image output or abnormal display	Re-Cycle the power on Display
Image is not as clear	Please check the all cable input connections
Video –No Sound	Please ensure the RED and White RCA connections are secure.

Section 2: Specifications

Item	Description
Units	C-CVID-HDM
Unit Description	CVSB/ S-video/ HDMI to HDMI Scaler with 720p and 1080p Switching
HDMI Compliance	HDMI 1.3
Supported HDMI Input Resolutions	480i@60Hz、480p@60Hz,576i@50Hz、576p@50Hz720p@50/60Hz,1080i@50/60Hz,1080p@50/60Hz
Supported HDMI graphic card Resolution	resolution:640x480@60Hz,800x600@60Hz,1024x768@60Hz,1280x720@60Hz,1280x768@60Hz,1280x1024@60Hz,1360x768@60Hz,1366x768@60Hz,1400x1050@60Hz,1440x900@60Hz,1680x1050@60Hz,1920x1080@60Hz
Frame Conversion	Supports 50Hz to 60Hz frame rate conversion
Video Detection	Automatic NTSC/PAL video format detection
Input	1 x HDMI 1 X CVBS (composite) 1 x S-VIDEO
Output	1 x HDMI
HDMI Connector	Type A (19 pin female)
S-VIDEO/CVBS Audio	4 pin female/3 RCA Female Connectors
Dimensions (L x W x H)	3” x 2” x 0.6”
Power Supply	DC 5V/2A
Power Consumption	3W

Environmental

Operating Temperature	32˚ ~ 104˚F (0˚ to 40˚C)
Storage Temperature	-4˚ ~ 140˚F (-20˚ ~ 60˚C)
Relative Humidity	20~90% RH (no condensation)

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